

NOTES ON *TRICHOPTERA* AND *NEUROPTERA* FROM IRELAND.

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During the first half of last August I collected in the neighbourhood of Glasslough in Co. Monaghan, Ireland, and I now record those species of *Trichoptera* which have not previously been taken in the locality, and also the dragon-flies and a few other *Neuroptera* which were observed. The weather was, on the whole, fine, and many caddis-flies were abundant; dragon-flies were also about in great numbers, but other families, such as *Chrysopidæ* and *Hemerobiidæ*, were hardly represented at all.

The *Trichoptera* new to the district are as follows:—*Limnophilus flavicornis*, Fab.; *L. xanthodes*, McLach., 3 ♀; *L. lunatus*, Curt.; *L. auricula*, Curt.; *L. hirsutus*, Pict., 1 ♀; *L. sparsus*, Curt.; *Leptocerus dissimilis*, Ste.; *Mytacidus nigra*, L.; *M. azurea*, L.; *Æcetis ochracea*, Curt.; *Psychomyia pusilla*, Fab.; *Agraylea multipunctata*, Curt.; *Hydroptila femoralis*, Eat.; *H. forcipata*, Eat.; and *Ithytrichia lamellaris*, Eat. Other interesting species, such as *Agrypnia Pagetana*, Curt., *Glyphotælius pellucidus*, Retz., *Limnophilus decipiens*, Kol., *Leptocerus fulvus*, Ramb., *Æcetis furva*, Ramb., *Tinodes maculicornis*, Pict., &c., were also taken.

Of dragon-flies *Sympetrum scoticum*, Don., swarmed on a bog; *S. striolatum*, Charp., was more generally distributed, but not so numerous. *Libellula quadrimaculata*, L., flew sparingly over the bog. *Æschna juncea*, L., common. *Æ. grandis*, L.: this fine insect was even commoner than *juncea*, and many examples of it were taken; while it came more conspicuously under notice during the hours of bright sunshine, when it might be seen chasing and capturing such large game as *Charæas graminis* and *Hydræcia nictitans*, it also followed its well known crepuscular habit, and one dull, warm evening I watched some examples carrying on their feeding operations along the shores of the lake until it was nearly dark. *Lestes sponsa*, Hans., this species was exceedingly common at both bog and lakes. *Ischnura elegans*, V. de Lind., also in great abundance. *Enallagma cyathigerum*, Charp., common. Another dragon-fly seen but not taken, was probably *Cordulegaster annulatus*.

Very few species belonging to the other Families of *Neuroptera* were collected. Amongst these may be mentioned *Sisyra fuscata*, Fab., which was swarming; and *Psocus longicornis*, Fab., and *P. nebulosus*, Ste.